What is claimed is:

1. A hinge apparatus having a deceleration section, comprising:

5   a rotary shaft;

a fixed cam mounted on one side of the rotary shaft;

a moving cam mounted on one side of the fixed cam for being straightly moved along the rotary shaft via a reciprocating motion taking place between the fixed cam and

10   the moving cam;

an elastic means for supporting the moving cam to stretch and return to original position;

a housing for lodging the moving cam and the elastic means; and

15   a frictional force generation means mounted on one side of the housing for generating frictional force at a predetermined interval during a reciprocating motion taken place between the fixed cam and the moving cam.

_20   2. The hinge apparatus as recited in claim 1, wherein the frictional force generation means includes a fixed friction plate mounted on another side of the rotary shaft for contacting to another side of the housing.

25   3. The hinge apparatus as recited in claim 1, wherein the frictional force generation means includes:

a fixed friction plate mounted another side of the rotary shaft; and

a moving friction plate mounted on one side of the fixed friction plate for being straightly moved along the rotary shaft.

4. The hinge apparatus as recited in claim 3, wherein the fixed friction plate and the moving friction plate are formed in the shape of a flat board having equally-spaced and many-sided decelerating protrusions stretching in a radial direction toward the edge of the plate on one side and said decelerating protrusions are shaped in such a way that the surfaces thereof lies at an angle to the horizontal and formed on either one or both of the fixed friction plate and the moving friction plate.

5. The hinge apparatus as recited in claim 1, wherein said decelerating protrusions are formed in position at a particular time when the fixed cam and the moving cam pass by a fixed point during a reciprocating motion taken place between the fixed cam and the moving cam.